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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/918,810	07/31/2001	William Hsiao-Yu Ku	AUS920010617US1	4477

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EXAMINER

MEUCCI, MICHAEL D

ART UNIT

PAPER NUMBER

2142

DATE MAILED: 05/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/918,810

Applicant(s)

KU ET AL.

Examiner

Michael D. Meucci

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 February 2005.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments and amendments filed on 15 February 2005 have been carefully considered but they are not deemed fully persuasive. Applicant's arguments are deemed moot in view of the following new grounds of rejection as explained here below, necessitated by Applicant's substantial amendment to the claims which significantly affected the scope thereof.

Specification

2. The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: The claimed terms "linking event" and "non-linking event" are not disclosed in the specification.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 12 and 20 rejected under 35 U.S.C. 102(b) as being anticipated by Selby et al. (U.S. 5,555,365) hereinafter referred to as Selby.

a. As per claims 1, 12, and 20, Selby teaches: determining if a current panel is a custom panel (lines 37-53 of column 6); if the current panel is a custom panel, retrieving a set of navigation objects from the current panel (lines 37-53 of column 6); determining for each navigation object in the set, if an event associated with each navigation object is one of a linking event and a non-linking event, wherein the linking event links the current panel to a target panel (line 16-25 of column 5, lines 27-47 of column 7, and Fig. 7); if the event is a linking event, assigning the current panel as the target panel (lines 16-25 of column 5, lines 27-47 of column 7, and Fig. 7); creating a set of data objects for display in the target panel, wherein each data object within the set of data objects is associated with a data type (line 64 of column 4 through line 12 of column 5, lines 64-67 of column 5, and Fig. 6); and creating a set of navigation objects for display in the target panel, wherein each navigation object within the set of navigation object is associated with an event (line 64 of column 4 through line 12 of column 5, lines 64-67 of column 5, and Fig. 4 and 6).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2-11, 13-19, and 21-27 rejected under 35 U.S.C. 103(a) as being unpatentable over Selby as applied to claims respectively above, in view Jensen et al. (U.S. 6,834,276 B1) hereinafter referred to as Jensen.

a. As per claims 2, 13, and 21, Selby teaches: each entry includes a set of name-value pairs for the properties of the set of data objects and a set of name-value pairs for the properties of the set of navigation objects for a different panel (line 55 of column 5 through line 11 of column 6 and Fig. 5).

Selby fails to teach: properties of the set of data objects and properties of the set of navigation objects for the current and target panel are stored in a plurality of entries in a database. However, Jensen discloses: "The system and method may automatically, unambiguously, and accurately place reference links among documents within a database it creates according to a schema controlled by the user," (lines 32-35 of column 6).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have properties of the set of data objects and properties of the set of navigation objects for the current and target panel stored in a plurality of entries in a database. "These links enable the user to instantly view a file, object, or document referenced by another file, object, or document currently being viewed and to backtrack to any point of origin in the database," (lines 35-38 of column 6 in Jensen). It is for this reason that one of ordinary skill in the art at the time of the applicant's invention would have been motivated to have properties of the set of data objects and properties of the

set of navigation objects for the current and target panel stored in a plurality of entries in a database in the system as taught by Selby.

b. As per claims 3, 14, and 22, Selby teaches: each of the set of name-value pairs for the properties of the set of navigation objects include a name of each navigation object and a value of a target panel to which each navigation object is linked (line 16-25 of column 5, line 55 of column 5 through line 11 of column 6, line 37 of column 6 through line 5 of column 7, and Fig. 5).

c. As per claims 4, 15, and 23, Selby teaches: each of the set of name-value pairs for the properties of the set of data objects includes a value of a data type associated with each data object and a name of each data object (line 64 of column 4 through line 25 of column 5, line 55 of column 5 through line 11 of column 6, line 37 of column 6 through line 5 of column 7, and Fig. 5).

d. As per claims 5, 16, and 24, Selby teaches: attaching a header to the name of each data object of the current panel, wherein the header uniquely identifies a data object across multiple panels (lines 42-53 of column 2, line 55 of column 5 through line 22 of column 6, and Fig. 5)

Selby fails to teach: storing the set of navigation objects and a set of data objects for the current panel to a set of name-value pairs in an entry of the database. However, Jensen discloses: "The system and method may automatically, unambiguously, and accurately place reference links among documents within a database it creates according to a schema controlled by the user," (lines 32-35 of column 6).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to store the set of navigation objects and a set of data objects for the current panel to a set of name-value pairs in an entry of the database. "These links enable the user to instantly view a file, object, or document referenced by another file, object, or document currently being viewed and to backtrack to any point of origin in the database," (lines 35-38 of column 6 in Jensen). It is for this reason that one of ordinary skill in the art at the time of the applicant's invention would have been motivated to store the set of navigation objects and a set of data objects for the current panel to a set of name-value pairs in an entry of the database in the system as taught by Selby.

e. As per claims 6, 17, and 25, Selby fails to teach: if the event is a non-linking event and is an OK event, retrieving user input data of each data object in the set of data objects from the current panel and linked panels. However, Jensen discloses: "Pressing an OK button 1004 accepts any changes the user has made and restores the display to the document display window 928, where the text of the document is displayed with the new display settings," (lines 11-15 of column 30).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to retrieve user input data of each data object in the set of data objects from the current panel and linked panels if the event is a non-linking event and is an OK event. "In this manner, the user selects the highlighting functions, such as font options, colors and styles, for text to be highlighted from background text for text of interest, such as jump tags, legal pad notes, search terms, etc.," (lines 15-18 of column 30 in Jensen). It is for this reason that one of ordinary skill in the art at the time of the

applicant's invention would have been motivated to retrieve user input data of each data object in the set of data objects from the current panel and linked panels if the event is a non-linking event and is an OK event in the system as taught by Selby.

Selby fails to teach: storing the user input data to the database. However, Jensen discloses: "Finally, pressing an OK button 1110 indicates that the user has completed customizing the field links and instructs the database generator to use the settings in the link generator dialog when creating the database index," (lines 38-42 of column 31).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to store the user input data to the database. "If the user wants to migrate linking control panel settings from any previous instance, pressing a Retrieve Settings button 1109 causes display of a list of all such instances, and the desired one may then be selected and used. An Options button 1111 causes a optional field links dialog 1300 (see FIG. 13 and related discussion) to be displayed and makes additional options available to the user for creating a custom field link," (lines 31-38 of column 31 in Jensen). It is for this reason that one of ordinary skill in the art at the time of the applicant's invention would have been motivated to store the user input data to the database, in the system as taught by Selby.

f. As per claims 7, 18, and 16, Selby fails to teach: if the event is a non-linking event and is a Cancel event, closing the current panel and discarding the user input data. However, Jensen discloses: "A Close, Cancel Changes button 1209 causes any changes to the current note to be discarded," (lines 11-12 of column 32).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to close the current panel and discard the user input data if the event is a non-linking event and is a Cancel event. "The system returns to the display as it was before the legal pad button 918 was pressed," (lines 12-14 of column 32 in Jensen). It is for this reason that one of ordinary skill in the art at the time of the applicant's invention would have been motivated to close the current panel and discard the user input data if the event is a non-linking event and is a Cancel event, in the system as taught by Selby.

g. As per claims 8, 19, and 27, Selby fails to teach: if the event is a non-linking event and the event performs a task, creating a set of information objects for display in the target panel. However, Jensen discloses: "FIG. 8 is a screen display of an exemplary search/retrieval dialog of the GUI database application program introduced in FIG. 5 that is displayed when a user presses the search button," (lines 57-60 of column 26).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to create a set of information objects for display in the target panel if the event is a non-linking event and the event performs a task. "The search/retrieval dialog presents the user With a search expression edit box 803 in which the user enters search terms of interest," (lines 60-62 of column 26 in Jensen). It is for this reason that one of ordinary skill in the art at the time of the applicant's invention would have been motivated to create a set of information objects for display in the target panel if the

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event is a non-linking event and the event performs a task in the system as taught by Selby.

7. Claims 9-11 contain similar limitations as disclosed in previously rejected claims 1-8 and are rejected under the same rationale.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Sanchez-Frank et al. (U.S. 5,394,522) discloses selecting and locating graphical icon objects to define and configure the workstations in data processing networks.

Hollander (U.S. 5,652,850) discloses a panel creation engine using templates to automatically configure user interface displays.

Endres et al. (U.S. 6,104,359) discloses forking driver and linking displays.

Wong et al. (U.S. 6,175,364 B1) discloses framework for interfacing a GUI container with a GUI component.

Miller et al. (U.S. 6,201,539 B1) discloses system for customizing a data processing system GUI.

Petty et al. (U.S. 6,342,907 B1) discloses language for defining user interface panels that are platform-independent.

Murphy (U.S. 6,348,919 B1) discloses graphics system with optimized use of unified local and frame buffers.

Votipka (U.S. 6,405,238 B1) discloses quick navigation upon demand to main areas of website.

Shima et al. (U.S. 6,556,221 B1) discloses extended elements for displaying a rich GUI in panel subunit.

Parry (U.S. 2003/0030664 A1) discloses customizable control panel software.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Meucci at (571) 272-3892. The examiner can normally be reached on Monday-Friday from 9:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia, can be reached at (571) 272-3880. The fax phone number for this Group is (703) 872-9306.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [michael.meucci@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


BEATRIZ PRIETO
PRIMARY EXAMINER